

**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

**Part Number: 6712**  
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**Issue:** 1  
**Issue Date:** 8/13/2009  
**Effective Date:** 8/13/2009

		<u>Diameters (In)</u>
1)	Component 1	1 X 1 HOOKUP
a)	Conductor	24 (7/32) AWG TC
b)	Insulation	0.0095" Wall, Nom. Modified Polyphenilether
(1)	Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET, YELLOW/GREEN
<b>B.</b>	<b>Industry Approvals</b>	
1)	UL	AWM/STYLE 11028
2)	CSA International	C(RU) AWM I A/B FT1
3)	Other	Halogen-Free
<b>C.</b>	<b>Environmental Approvals</b>	
1)	EU Directive 2002/95/EC(RoHS):	All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.
2)	REACH Regulation (EC 1907/2006):	This product does not contain any of the 16 substances listed on the European Union's REACH Substance of Very High Concern (SVHC) candidate list in excess of 0.1% mass of the item.
<b>D.</b>	<b>Physical &amp; Mechanical Properties</b>	
1)	Temperature Range	-40 to 105°C
2)	Bend Radius	10X Cable Diameter
3)	Pull Tension	3.5 Lbs, Maximum
<b>E.</b>	<b>Electrical Properties</b>	(For Engineering purposes only)
1)	Voltage Rating	600 V <sub>RMS</sub>
2)	Inductance	0.05 µH/ft, Nominal
3)	Conductor DCR	25 Ω/1000ft @20°C, Nominal
<b>F.</b>	<b>Other</b>	
1)	Packaging	
a)	1000 FT	
b)	100 FT	

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